



8-23-21
IAP6 Rec'd PCT/PTO 21 AUG 2006 PCT IF
EXPRESS MAIL NO. EV719379363US

TRANSMITTAL FORM

(To be used for all correspondence
after initial filing)

Application Number	10/527,485
Filing Date	March 9, 2005
First Named Inventor	Syuji Tsukamoto
Art Unit	2627
Examiner Name	Crystal L. Jones
Attorney Docket No.	890050.524USPC

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Request for Corrected Filing Receipt	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to TC (<i>Appeal Notice, Brief, Reply Brief</i>)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension-of-Time Request	<input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address	<input checked="" type="checkbox"/> Return Receipt Postcard
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Declaration	<input checked="" type="checkbox"/> Other Enclosure(s) (<i>please identify below</i>):
<input type="checkbox"/> Information Disclosure Statement and Transmittal	<input type="checkbox"/> Statement under 37 CFR 3.73(b)	<u>Certified English Translation</u> <u>JP 2002-262711</u>
<input type="checkbox"/> Cited References	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> Landscape Table on CD	

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Seed Intellectual Property Law Group PLLC	Customer Number	00500
Signature			
Printed Name	David V. Carlson		
Date	August 21, 2006	Reg. No.	31,153

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature			
Typed or printed name		Date:	

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

810969_1.DOC

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL

For FY 2006

Complete if Known

Application Number	10/527,485
Filing Date	March 9, 2005
First Named Inventor	Syuji Tsukamoto
Examiner Name	Crystal L. Jones
Art Unit	2627
Attorney Docket No.	890050.524USPC

☐ Applicant claims small entity status. See 37 CFR 1.27
TOTAL AMOUNT OF PAYMENT (\$)**720**

METHOD OF PAYMENT (check all that apply)

- ☒ Check ☐ Credit Card ☐ Money Order ☐ Other (please identify): _____
☒ Deposit Account Deposit Account Number: 19-1090 Deposit Account Name: Seed IP Law Group PLLC
 For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)
☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, **except for the filing fee**
☐ Charge any additional fee(s) or underpayments ☒ Charge any underpayments or credit any overpayments of fee(s) under 37 CFR 1.16 and 1.17

Warning: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Provisional	200	100	0	0	0	0	_____

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims
<u>16</u> -20 or HP =	<u>0</u> X	<u>50</u> =	<u>0</u>	Fee (\$)
HP = highest number of total claims paid for, if greater than 20.				Fee Paid (\$)
				<u>0</u>

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
<u>6</u> -3 or HP =	<u>3</u> X	<u>200</u> =	<u>600</u>

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)) the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____ -100 =	_____ /50 =	_____ (round up to a whole number)	x	_____

4. OTHER FEE(S)

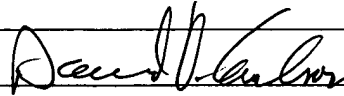
Non-English Specification, \$130 fee (no small entity discount)	Fees Paid (\$)
_____	_____
Other (e.g., late filing surcharge): Pet. Ext. of Time (1 mo.)	<u>120</u>

08/25/2006 MKYDPO6H 00000143 10527485

02 FC:1614

600.00 UP

SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	31,153	Telephone	206-622-4900
Name (Print/Type)	David V. Carlson	Date	August 21, 2006		



BEST AVAILABLE COPY

USA

N.88091B

Attorney's Docket No. HO-P03236US0

**RULE 63 (37 C.F.R. § 1.63)
DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

As below named inventor(s), I/we hereby declare that

This declaration is of the following type:

- | | | |
|---|---------------------------------------|---|
| <input type="checkbox"/> original | <input type="checkbox"/> design | <input type="checkbox"/> supplemental |
| <input checked="" type="checkbox"/> national stage of PCT | | |
| <input type="checkbox"/> divisional | <input type="checkbox"/> continuation | <input type="checkbox"/> continuation-in-part |

My/our residence, post office address and citizenship are as stated below next to my/our name.

I/we believe I/we am/are the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SCREEN FOR PRE-ECLAMPSIA

the specification of which (check one)

- ☐ is attached hereto
- ☐ was filed on _____
in the United States Patent and Trademark Office as Application Serial No. _____
and was amended on _____ (if applicable)
- ☒ was described and claimed in PCT International Application No. PCT/GB04/01701
filed on 19 Apr 2004
and as amended under PCT Article 19 on _____ (if any)

I/we hereby state that I/we have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I/we acknowledge the duty to disclose information which is material to patent ability as defined in 37 C.F.R. § 1.56.

I/we hereby claim foreign priority benefits under 35 U.S.C § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate or under § 365(a) of any PCT International Application(s) which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International Application having a filing date before that of the application on which priority is claimed:

COMBINED DECLARATION AND POWER OF ATTORNEY**PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. §119**

Application No.	Country	Filing Date	Priority Claimed	
			Yes	No
0308967.9	GB	17 Apr 2003	X	
PCT/GB04/01701		19 Apr 2004		

I/we hereby claim the benefit under 35 U.S.C. § 119(e) of any United States Provisional Application(s) listed below:

UNITED STATES PROVISIONAL APPLICATION(S)

Application No.	Filing Date

I/we hereby claim the benefit under 35 U.S.C. § 120 of any United States Application(s) or § 365(c) of any PCT International Application(s) designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International Application in the manner provided by the first paragraph of 35 U.S.C. § 112, I/we acknowledge the duty to disclose information which is material to patent ability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national PCT international filing date of this application.

PRIOR UNITED STATES/PCT INTERNATIONAL APPLICATION(S)

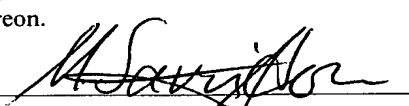
Application No.	Filing Date	Status (patented, pending/abandoned)
PCT/GB04/01701	19 Apr 2004	

I/we hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith:

Fulbright & Jaworski LLP, 1301 McKinney Suite 5100 Houston TX 77010-3095 United States of America

CUSTOMER NUMBER 26271

I/we hereby declare that all statements made herein of my/our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C § 1001 and that such willful false statements may jeopardise the validity of the application or any patent issued thereon.

X  _____
Inventors Signature

8/5/06. X
Date

Full name of first/sole inventor

Makrina SAVVIDOU

Citizenship

United Kingdom

Residence(City)

London the United Kingdom

Post Office Address

Harris Birthright Research Centre for Fetal Medicine
King's College Hospital Denmark Hill London SE5 8RS United Kingdom

COMBINED DECLARATION AND POWER OF ATTORNEY

Inventors Signature

Date

Full name of 2nd inventor

Aroon HINGORANI

Citizenship

United Kingdom

Residence(City)

London the United Kingdom

Post Office Address

Centre for Clinical Pharmacology British Heart Foundation Laboratories
University College London 4th Floor Rayne Institute 5 University
Street London WC1E 6JF United Kingdom

Inventors Signature

Date

Full name of 3rd inventor

Patrick VALLANCE

Citizenship

United Kingdom

Residence(City)

London the United Kingdom

Post Office Address

Centre for Clinical Pharmacology British Heart Foundation Laboratories
University College London 4th Floor Rayne Institute 5 University Street
London WC1E 6JF United Kingdom

Inventors Signature

Date

Full name of 4th inventor

Kypros NICOLAIDES

Citizenship

United Kingdom

Residence(City)

London the United Kingdom

Post Office Address

Harris Birthright Research Centre for Fetal Medicine King's College
Hospital Denmark Hill London SE5 8RS United Kingdom

USA



BEST AVAILABLE COPY

N.88091B

Attorney's Docket No. HO-P03236US0

**RULE 63 (37 C.F.R. § 1.63)
DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

As below named inventor(s), I/we hereby declare that

This declaration is of the following type:

- | | | | | | |
|-------------------------------------|-----------------------|--------------------------|--------------|--------------------------|----------------------|
| <input type="checkbox"/> | original | <input type="checkbox"/> | design | <input type="checkbox"/> | supplemental |
| <input checked="" type="checkbox"/> | national stage of PCT | | | | |
| <input type="checkbox"/> | divisional | <input type="checkbox"/> | continuation | <input type="checkbox"/> | continuation-in-part |

My/our residence, post office address and citizenship are as stated below next to my/our name.

I/we believe I/we am/are the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SCREEN FOR PRE-ECLAMPSIA

the specification of which (check one)

- ☐ is attached hereto
- ☐ was filed on _____
in the United States Patent and Trademark Office as Application Serial No. _____
and was amended on _____ (if applicable)
- ☒ was described and claimed in PCT International Application No. PCT/GB04/01701
filed on 19 Apr 2004
and as amended under PCT Article 19 on _____ (if any)

I/we hereby state that I/we have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I/we acknowledge the duty to disclose information which is material to patent ability as defined in 37 C.F.R. § 1.56.

I/we hereby claim foreign priority benefits under 35 U.S.C §119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate or under § 365(a) of any PCT International Application(s) which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International Application having a filing date before that of the application on which priority is claimed:

COMBINED DECLARATION AND POWER OF ATTORNEY**PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. §119**

Application No.	Country	Filing Date	Priority Claimed	
			Yes	No
0308967.9	GB	17 Apr 2003	X	
PCT/GB04/01701		19 Apr 2004		

I/we hereby claim the benefit under 35 U.S.C. § 119(e) of any United States Provisional Application(s) listed below:

UNITED STATES PROVISIONAL APPLICATION(S)

Application No.	Filing Date

I/we hereby claim the benefit under 35 U.S.C. § 120 of any United States Application(s) or § 365(c) of any PCT International Application(s) designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International Application in the manner provided by the first paragraph of 35 U.S.C. § 112, I/we acknowledge the duty to disclose information which is material to patent ability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national PCT international filing date of this application.

PRIOR UNITED STATES/PCT INTERNATIONAL APPLICATION(S)

Application No.	Filing Date	Status (patented, pending/abandoned)
PCT/GB04/01701	19 Apr 2004	

I/we hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith:

Fulbright & Jaworski LLP, 1301 McKinney Suite 5100 Houston TX 77010-3095 United States of America

CUSTOMER NUMBER 26271

I/we hereby declare that all statements made herein of my/our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C § 1001 and that such willful false statements may jeopardise the validity of the application or any patent issued thereon.

Inventors Signature

Date

Full name of first/sole inventor

Makrina SAVVIDOU

Citizenship

United Kingdom

Residence(City)

London the United Kingdom

Post Office Address

Harris Birthright Research Centre for Fetal Medicine
King's College Hospital Denmark Hill London SE5 8RS United Kingdom

COMBINED DECLARATION AND POWER OF ATTORNEY

Inventors Signature		Date
Full name of 2nd inventor	Aroon HINGORANI	
Citizenship	United Kingdom	
Residence(City)	London the United Kingdom	
Post Office Address	Centre for Clinical Pharmacology British Heart Foundation Laboratories University College London 4th Floor Rayne Institute 5 University Street London WC1E 6JF United Kingdom	

Inventors-Signature		Date
Full name of 3rd inventor	Patrick VALLANCE	
Citizenship	United Kingdom	
Residence(City)	London the United Kingdom	
Post Office Address	Centre for Clinical Pharmacology British Heart Foundation Laboratories University College London 4th Floor Rayne Institute 5 University Street London WC1E 6JF United Kingdom	

Inventors Signature		Date
Full name of 4th inventor	Kypros NICOLAIDES	26 April 2006.
Citizenship	United Kingdom	
Residence(City)	London the United Kingdom	
Post Office Address	Harris Birthright Research Centre for Fetal Medicine King's College Hospital Denmark Hill London SE5 8RS United Kingdom	



USA

BEST AVAILABLE COPY

N.88091B

Attorney's Docket No. HO-P03236US0

RULE 63 (37 C.F.R. § 1.63)
DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

As below named inventor(s), I/we hereby declare that

This declaration is of the following type:

☐ original ☐ design ☐ supplemental
☒ national stage of PCT
☐ divisional ☐ continuation ☐ continuation-in-part

My/our residence, post office address and citizenship are as stated below next to my/our name.

I/we believe I/we am/are the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SCREEN FOR PRE-ECLAMPSIA

the specification of which (check one)

☐ is attached hereto
☐ was filed on _____
in the United States Patent and Trademark Office as Application Serial No. _____
and was amended on _____ (if applicable)
☒ was described and claimed in PCT International Application No. PCT/GB04/01701
filed on 19 Apr 2004
and as amended under PCT Article 19 on _____ (if any)

I/we hereby state that I/we have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I/we acknowledge the duty to disclose information which is material to patent ability as defined in 37 C.F.R. § 1.56.

I/we hereby claim foreign priority benefits under 35 U.S.C §119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate or under § 365(a) of any PCT International Application(s) which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International Application having a filing date before that of the application on which priority is claimed:

COMBINED DECLARATION AND POWER OF ATTORNEY**PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. §119**

Application No.	Country	Filing Date	Priority Claimed	
			Yes	No
0308967.9	GB	17 Apr 2003	X	
PCT/GB04/01701		19 Apr 2004		

I/we hereby claim the benefit under 35 U.S.C. § 119(e) of any United States Provisional Application(s) listed below:

UNITED STATES PROVISIONAL APPLICATION(S)

Application No.	Filing Date

I/we hereby claim the benefit under 35 U.S.C. § 120 of any United States Application(s) or § 365(c) of any PCT International Application(s) designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International Application in the manner provided by the first paragraph of 35 U.S.C. § 112, I/we acknowledge the duty to disclose information which is material to patent ability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national PCT international filing date of this application.

PRIOR UNITED STATES/PCT INTERNATIONAL APPLICATION(S)

Application No.	Filing Date	Status (patented, pending/abandoned)
PCT/GB04/01701	19 Apr 2004	

I/we hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith:

Fulbright & Jaworski LLP, 1301 McKinney Suite 5100 Houston TX 77010-3095 United States of America

CUSTOMER NUMBER 26271

I/we hereby declare that all statements made herein of my/our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C § 1001 and that such willful false statements may jeopardise the validity of the application or any patent issued thereon.

Inventors Signature

Date

Full name of first/sole inventor Makrina SAVVIDOU

Citizenship United Kingdom

Residence(City) London the United Kingdom

Post Office Address Harris Birthright Research Centre for Fetal Medicine
King's College Hospital Denmark Hill London SE5 8RS United Kingdom

COMBINED DECLARATION AND POWER OF ATTORNEY

Inventors Signature



Date 3/11/05

Full name of 2nd inventor

Aroon HINGORANI

Citizenship

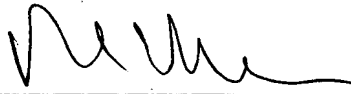
United Kingdom

Residence(City)

London the United Kingdom

Post Office Address

Centre for Clinical Pharmacology British Heart Foundation Laboratories
University College London 4th Floor Rayne Institute 5 University
Street London WC1E 6JF United Kingdom



3/11/05

Inventors Signature

Date

Full name of 3rd inventor

Patrick VALLANCE

Citizenship

United Kingdom

Residence(City)

London the United Kingdom

Post Office Address

Centre for Clinical Pharmacology British Heart Foundation Laboratories
University College London 4th Floor Rayne Institute 5 University Street
London WC1E 6JF United Kingdom

Inventors Signature

Date

Full name of 4th inventor

Kypros NICOLAIDES

Citizenship

United Kingdom

Residence(City)

London the United Kingdom

Post Office Address

Harris Birthright Research Centre for Fetal Medicine King's College
Hospital Denmark Hill London SE5 8RS United Kingdom